IXUS 310 HS
Digital Compact Camera

A stylish designed compact camera with an intuitive touch LCD screen and 24mm wide-angle f/2.0 lens

The IXUS 310 HS is a beautifully designed compact camera featuring an intuitive 3.2 inch Touch LCD screen promising fun and easy shooting. It is perfect for low light situations encompassing a 12.1 Megapixel High Sensitivity CMOS Sensor. It also features a 24mm wide angle lens, 4.4x Optical Zoom and FULL HD movie recording giving you the flexibility to capture wide and close up shots or amazing video.

Key Features

Precision image quality

- 12.1 Megapixel High Sensitivity CMOS
- F/2.0 genuine Canon lens
- 24mm wide-angle lens
- Genuine Canon 4.4x Optical Zoom
- Optical Image Stabilizer
- DiG!C 4 Processor
- Intelligent Auto (32 scenes detected)
- Intelligent Flash Exposure
- Intelligent Contrast Correction
- Servo AF
- ISO 3200

Perfect portraits of family & friends

- Smart Shutter (Face Detection Self-timer, Smile Shutter, Wink Self Timer)
- Face Detection and Selector
- Face Detection Self-timer
- Red-eye Correction
- Blink Detection

Digital photography and video made easy

- 3.2" Touch LCD screen
- Full High Definition Video recording (1920x1080)
- Movie Digest
- Creative Filters
- Touch Auto Focus
- Subject Tracking
- Active Display
- Super Slow Motion movie
- High-speed Burst Mode approx. 8.0 shots/sec.

8.0 cm 3.2" Wide Touch

3.2 inch Touch LCD Screen
A large intuitive 3.2" LCD screen makes shooting and recording your memories easy

f/2 LENS

Get Creative
With an f/2.0 aperture lens, capture amazing photographs with shallow depth of field

12.1 MEGA PIXELS HIGH-SENSITIVITY CMOS

High Sensitivity CMOS Sensor
12.1 Megapixel High Sensitivity CMOS Sensor allows you to capture amazing photos even in low light situations

FULL HD

Full High Definition Movies with Dynamic IS
Shoot quality FULL HD movies with Dynamic Image Stabilisation and view easily on TV with a HDMI terminal

24mm WIDE 4.4×

Optical Zoom and Wide-angle lens
4.4x Optical Zoom and 24mm wide-angle lens allows you to get closer whilst shoot beautiful landscapes or capture great group shots

iFrame

iFrame video format*
The new iFrame video format can dramatically simplify and speed up the process of importing, editing and sharing your videos

Creative Filter

Creative Filters
Shoot with creative filters for an added effect : Fish Eye, Miniature, Toy Camera, Monochrome, Super Vivid, Poster, Colour Accent and Colour Swap effects are available

Touch AF

Touch Auto Focus with Subject Tracking
Simply focus on your subject with a touch of the screen and they will be the focus of the shot even if they move

Intelligent AUTO

Intelligent Auto (32 scenes)
Improved Auto mode in both photo and video mode makes it even easier to get the perfect shot

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*The iFrame logo and the iFrame symbol are trademarks of Apple Inc.

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IXUS 310 HS Technical Specifications

Sensor / Image Processor	
Effective Number of Pixels	Approx. 12.1 Megapixel High Sensitivity CMOS Sensor
Size / Filter Array	1/2.3 inch / Primary colour filter (Bayer)
Processor	DiG!C 4
Lens	
Focal Length (optical)	4.3 (W) – 18.8 (T) mm
35mm film equivalent	24 (W) – 105 (T) mm
f/number	f/2.0 – 8.0 (W), f/5.8 – 8.0 (T)
Shutter Speed	15 - 1/1600 sec. (Total shutter speed range)
Zoom	Optical approx 4.4x; Digital approx 4x
Image Stabilizer	Optical (Lens Shift Type), approx 4 steps
Focusing	
Focus System	TTL Autofocus
Focusing Frame	Touch AF, Face Detect AiAF[1,2], Fixed Frame
Focusing Range	Normal: 3cm – infinity (W), 40cm – infinity (T); Macro: 3cm - 50cm (W)
Shooting Functions	
Face Detection	Auto Focus, Auto Exposure, White Balance, Flash Exposure, Auto Red-Eye correction, Smile Smart Shutter, Wink Self-Timer, FaceSelf-Timer[3] Blink Detection
Other Shooting Features	Servo AF, AF-Point Zoom, Size Select, AF Lock, AF Assist Beam, Intelligent Contrast Correction, Date Stamp, Digital tele-converter, Focus Check,, Night Display
Continuous Shooting	Approx 3.4 shots/sec (P Mode) / Approx 8.2 shots/sec (High Speed Burst Mode)
Self-timer	Approx. 10 sec or 2 sec delay, Custom, Wink self-Timer, FaceSelf-Timer
Control/Balance	
Light Metering Method	Evaluative[4], Centre-weighted average, Spot[5]
Exposure Control Method	Program AE, AE Lock, Intelligent Contrast Correction
Exposure Compensation	± 2 stops in 1/3-stop increments
Sensitivity (Equivalent Film Speed)	Auto[6], ISO 125/200/400/800/1600/3200
White Balance Modes	Auto , Daylight , Cloudy , Tungsten , Fluorescent , Fluorescent H , Custom
LCD Screen	
LCD Screen	Wide 3.2 inch LCD Touch screen (approx 461,000 dots) 16:9 aspect ratio. Touch panel with brightness adjustment (5 levels)
Flash	
Flash Modes / Functions	Auto, on, off, Auto Red Eye Correction, Red Eye Reduction, Face Detect, Slow Synchro, FE Lock, Intelligent FE
Flash Range	Normal: 50cm – 5.0m (W) 50cm – 2.0 m (T)
Selectable Shooting Modes	
Shooting Modes	Intelligent Auto (with Scene Detection), P, Av, Tv, Movie Digest, Portrait, Kids & Pets, Smart Shutter, High Speed Burst, Best Image Selection, Handheld Night Scene, Low Light, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Creative Light Effect, Monochrome, Super Vivid, Poster Effect, Colour Accent, Colour Swap, Beach, Underwater, Foliage, Snow, Fireworks, iFrame Movie, Super Slow Motion Movie (Movies are recorded by pressing the movie button)
My Colours	Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red
Image Recording Format	
Still image / Movies	JPEG Compression (EXIF 2.3 Compliant) / MOV (Image Data: H.264; Audio Data: Linear PCM monaural)
Colour Space and JPEG Compression	sRGB; Fine, Normal
Recording Pixels	
Still Images and Capacity (at Fine Image Setting)	16:9 – Large: 4000x2248, Medium1: 2816x1584, Medium2: 1920x1080, Small: 640x360 3:2 - Large: 4000x2664, Medium1: 2816x1880, Medium2: 1600x1064, Small: 640x424 4:3 - Large: 4000x3000, Medium1: 2816x2112, Medium2: 1600x1200, Small: 640x480 1:1 - Large: 2992x2992, Medium1: 2112x2112, Medium2: 1200x1200, Small: 480x480
Movie Frame Rate	1920x1080 @ 24fps; 1280x720 @ 30fps; 640x480 @ 30fps; 320x240 @ 30fps; Super Slow Motion Movie: 640x480 @ 120fps / 320x240 @ 240fps; Miniature Effect: 1280x720 / 640x480; iFrame Movie: 1280x720 @ 30fps
Other Operations	
Playback Operations	Touch operations (Touch Action), Red-eye Correction, Intelligent Contrast Correction, Trimming, Resize, Slideshow, Index, Magnified, Focus Check, Favourites, Hints and Tips display, Auto Rotate, Histogram, Overexposure Warning, Auto Play, Transition, MyCategory, MyColours, Filter by Date, Smart Shuffle, Image advance with tilt of camera
Direct Printing, PictBridge	Yes[7]
Interface	
Supported Operating Systems	PC: Windows 7, Windows Vista SP1/SP2, XP SP3; Mac: OS X v10.5 - v10.6
Computer I/F	Hi-Speed USB and HDMI output
Video / Audio Output	PAL or NTSC selectable / Stereo
Memory Storage	SD Memory Card, SDHC Memory Card, SDXC Memory Card, MultiMediaCard, MMCplus card, HC MMCplus card
Menu Languages	26 languages
General Features	
Battery	Rechargeable Lithium-ion Battery NB-6L
Shooting Capacity (full charge)	Approx. 180 shots; Playback 4 hours
Dimensions (W x D x H)	100.6 x 55.4 x 25.0 mm (ex. Protruding parts)
Weight	Approx. 165g (camera body only)

Included as Standard

- Rechargeable Lithium-ion Battery NB-6L
- Battery Charger CB-2LYE
- USB Interface Cable IFC-400PCU, AC Cable, AV Cable AVCDC400ST
- Wrist Strap WS-DC10
- Digital Camera Solution Disc – ZoomBrowser EX (PC), ImageBrowser (Mac), PhotoStitch, CameraWindows

Optional Accessories

- AC Adaptor Kit ACK-DC40 (Contains CA-DC10 and DR-40)
- HDMI Cable HTC-100
- Metallic Neck Strap

PictBridge

Connect, Select Print

Connect your IXUS digital camera to a compatible PIXMA or SELPHY photo printer and print stunning photos at home with the press of a button.

Disclaimer

1. AF frame can be moved and fixed to specified face
2. If no face is detected, AiAF (9 points) is used
3. When number of detected faces increases, the shutter is released at 2 sec delay. However if no face is detected for 30 seconds or more, the shooting operation will start automatically.
4. Control to incorporate facial brightness in Face Detect AF
5. Fixed to center
6. Motion Detection - Camera automatically sets the optimal speed according to shooting mode, subject brightness and subject movement and camera shake.
7. Compatible printer required for direct printing

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